



(fwd)

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q78622

Naoki MORI, et al.

Appln. No.: 10/720,095

Group Art Unit: 2681

Confirmation No.: 4866

Examiner: Not Yet Assigned

Filed: November 25, 2003

For: METHOD AND SYSTEM FOR QoS CONTROL USING WIRELESS LAN NETWORK, ITS BASE STATION, AND TERMINAL

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. Japanese Patent Application Publication No. 2002-33764, published January 31, 2002 (previously submitted in the Information Disclosure Statement filed December 22, 2005).
2. Japanese Patent Application Publication No. 2002-290480, published October 4, 2002 (with English abstract).

One copy of above listed reference 2 submitted herewith. A copy of above listed reference 1 is not submitted herewith as it has been previously submitted.

INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/720,095

Atty. Docket No.: Q78622

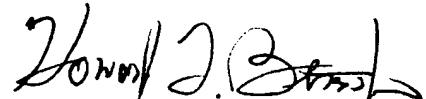
The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a corresponding Japanese Office Action, dated January 17, 2006, and an English translation of the pertinent portions thereof which cites above listed references 1 and 2 and indicates the degree for relevance found by the foreign office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



Howard L. Bernstein  
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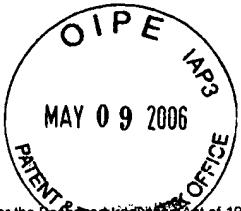
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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<u>Application Number</u>	10/720,095
				<u>Filing Date</u>	11-25-03
				<u>First Named Inventor</u>	Naoki MORI
				<u>Art Unit</u>	
				<u>Examiner Name</u>	
(Use as many sheets as necessary)				Attorney Docket Number	Q78622
Sheet	1	of	1		

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not Considered. Include of this form with next communication to applicant.

1. Applicant's unique citation designation number (optional) 2. See Kinds codes of USPTO patent Docuwww.uspto.gov or MPEP 901.04. 3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3.) 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office.

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SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

## **Q78622**

**Claims: 5 and 8**

**Cited literature: 1**

**Remarks:**

(0045) of Cited Literature 1 describes using a wireless LAN as the wireless access scheme, so Figure 1 of Cited Literature 1 is found to be a wireless LAN network comprising a base station (“wireless LAN base station”), mobile node (“wireless LAN terminal”) and authentication server AAAH (“server”).

Furthermore, in the first embodiment described in (0047) through (0164) of Cited Literature 1, referring in particular to (0052), (0079), (0094), and (0144)–(0148), it is stated that AAAH performs authentication using the mobile node or user NAI (“user authentication”) and distributes the service profile (“QoS service content”) corresponding to the authenticated mobile node to the mobile node, and the mobile node performs priority control according to the priority information in the service profile distributed from AAAH and containing the QoS.

For user authentication using an authentication server in a wireless LAN, besides Cited Literature 1, the method whereby the mobile node first transmits an authentication request to the wireless LAN base station is also well known, as described in Cited Literature 2 ((0020), Figure 3 and Figure 4).

Furthermore, while Cited Literature 1 does not specifically mention that the AAAH also sends information for identifying mobile nodes when distributing service profiles to mobile nodes, since a service profile corresponds to a mobile node, no remarkable difficulty can be found in additionally sending information for identifying a mobile node.

### **List of Cited Literature**

1. Japanese Unexamined Patent Application Publication 2002-033764
- 2. Japanese Unexamined Patent Application Publication 2002-290480